ABSTRACT OF THE DISCLOSURE

A non-contact type tonometer includes a fluid blowing device which blows fluid against a cornea of an eye of an examinee; an intraocular pressure measurement part which detects a deformed state of the cornea caused by the blown fluid and determines intraocular pressure of the examinee's eye based on a result of detection of the deformed state; a pulsation detection part which detects pulsation of the examinee; a measurement timing determination part which can determine a measurement timing based on the detected pulsation to obtain a predetermined number of results of measurement on the intraocular pressure in synchronization with different phase points in the pulsation; a command signal input part which inputs a command signal for execution of the measurement; and a control part which outputs a control signal for controlling driving of the fluid blowing device based on the determined measurement timing and the input command signal.